

U.S. Patent Application No. 09/929,780
Reply to Office Action dated September 9, 2005

PATENT
450100-03413

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. An identifier indicating the status of each claim is provided.

Listing of Claims

1. (Currently Amended) A broadcast program recording and playing apparatus comprising:

program management means for managing a database that stores program information for broadcast programs;

transmission means for transmitting the program information stored in the database to an electronic apparatus using wireless communication; ~~and~~

control means for controlling, under the control of said electronic apparatus, an apparatus having functions of recording and playing broadcast programs; and

switching means for switching a wireless communication unit between communication using a public circuit based on a spread spectrum communication system and short-distance wireless communication based on the spread spectrum communication system.
2. (Original) A broadcast program recording and playing apparatus according to claim 1, wherein said electronic apparatus comprises a portable terminal.
3. (Original) A broadcast program recording and playing apparatus according to claim 2, wherein said portable terminal comprises a private apparatus.

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4. (Original) A broadcast program recording and playing apparatus according to claim 1, wherein the apparatus having functions of recording and playing broadcast programs comprises an audio apparatus or a video apparatus.

5. (Original) A broadcast program recording and playing apparatus according to claim 1, wherein the wireless communication is based on a spread spectrum communication system.

6. (Original) A broadcast program recording and playing apparatus according to claim 1, wherein the wireless communication with said electronic apparatus is switched between communication using a public circuit and short-distance wireless communication.

7. (Original) A broadcast program recording and playing apparatus according to claim 6, wherein the short-distance wireless communication is based on the Bluetooth system.

8. (Original) A broadcast program recording and playing apparatus according to claim 6, wherein the short-distance wireless communication is based on an infrared data communication system.

9. (Currently Amended) A portable terminal for recording and playing broadcast programs, comprising:

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transmission means for transmitting program information stored in a database that stores the program information for broadcast programs to an electronic apparatus using wireless communication;

display means for displaying the program information obtained using said transmission means; ~~and~~

command transmission means for transmitting a command that controls an apparatus having functions of recording and playing broadcast programs to a server that controls recording and playing performed by the apparatus; and

switching means for switching a wireless communication unit between communication using a public circuit based on a spread spectrum communication system and short-distance wireless communication based on the spread spectrum communication system.

10. (Original) A portable terminal for recording and playing broadcast programs according to claim 9, wherein said electronic apparatus comprises said portable terminal itself.

11. (Original) A portable terminal for recording and playing broadcast programs according to claim 10, wherein said portable terminal comprises a private apparatus.

12. (Original) A portable terminal for recording and playing broadcast programs according to claim 9, wherein the apparatus having functions of recording and playing broadcast programs comprises an audio apparatus or a video apparatus.

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13. (Original) A portable terminal for recording and playing broadcast programs according to claim 9, wherein the wireless communication is based on a spread spectrum communication system.

14. (Original) A portable terminal for recording and playing broadcast programs according to claim 9, wherein the wireless communication with said electronic apparatus is switched between communication using a public circuit and short-distance wireless communication.

15. (Original) A portable terminal for recording and playing broadcast programs according to claim 14, wherein the short-distance wireless communication is based on the Bluetooth system.

16. (Original) A portable terminal for recording and playing broadcast programs according to claim 14, wherein the short-distance wireless communication is based on an infrared data communication system.